KARNATAKA STATE ROAD TRANSPORT CORPORATION
CENTRAL OFFICES, BANGALORE
Mechanical Engg. Dept.

Specification for Cold Applied Self-Adhesive polymer modified bituminous composite membrane with Aluminum foil at the Top
(For water proofing over the roof of buses)

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Self-Adhesive Plastic Felt Bitumen Polymeric membrane of Minimum 1.5mm thickness having minimum weight of 2.3Kg/Sq.Mtr. rolls of 1.0 Mtr*20.00Mtr*1.5mm thickness the material should pass the following tests.

Sl.No.	Test	Requirement
1	Weight per square meter. Kg/m2 (ASTMD-228-69)	2.3
2	Heat resistance Test at 100±2°C for 3 hours (IS:1322-1993)/ IS: 13826 (Part-5):1993	Shall not show any sign of dripping or melting
3	Pliability Test (IS:1322-1993) / IS:13826 (Part-2):1993	Shall not show any sign of crack
4	Breaking Load	Not less than 12 N
5	Water Absorption test (IS:1322:1993)/IS:13826 (Part-6)1993	< 2%
6	Aluminum foil thickness	150 to 200 Microns

Chief Mechanical Engineer